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ON APR 28, 2005

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04/28/05  
Date of  
Signature

**PATENT**

UNUS #: 05-0029-UNI  
Docket #: T7102(C)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Customer No: 000201  
Applicant: Cooper et al.  
Serial No.: 10/522,485  
Filed: January 26, 2005  
For: POROUS BEADS AND METHOD OF PRODUCTION THEREOF

Group No.: Unknown  
Examiner: Unknown  
Englewood Cliffs, New Jersey 07632  
April 28, 2005

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

Applicants herewith submit a Supplemental Information Disclosure Statement for the above-identified application and request that it be entered into the record. No additional fee is required since this information is filed prior to the first Office Action on the merits.

In the event that a first Office Action on the merits has already issued and is crossing in the mail with this information, please consider the information and charge the \$240.00 fee under 37 C.F.R. § 1.17(p) to Deposit Account No. 12-1155. Triplicate copies of this letter are enclosed.

Documents relating to the above-identified application are submitted herewith. These documents are intended for the Examiner's information and for citation with the instant case. This submission does not constitute either a representation that a thorough search has been made or an admission that the documents cited herein are properly citable against the above-captioned patent application. An attached PTO Form 1449 lists all the documents.

Please charge any additional fees or credit overpayment to Deposit Account No. 12-1155.

Non-Patent References:

Bjerknes, K., et al., *Preparation of polymeric microbubbles: formulation studies and product characterisation*, International Journal of Pharmaceutics, 158 (2): 129-136, December 8, 1997.

Choi, M.G., et al., *Fabrication and characterization of porous PLLA scaffolds with gentamicin sulfate release system*, Polymer-Korea, 25 (3): 318-326, May 2001.

Heinzelmann, K., et al., *Using freezing and drying techniques of emulsions for the microencapsulation of fish oil to improve oxidation stability*, Colloids and Surfaces B-Biointerfaces, 12 (306): 223-229, January 15, 1999.

Jeon, E.K., et al., *Preparation and release profile of NGF-loaded polylactide scaffolds for tissue engineered nerve regeneration*, Polymer-Korea, 26 (6): 893-901, November 2001.

Khang, G., et al., *Preparation and characterization of demineralized bone particle impregnated poly (L-lactide) scaffolds*, Korea Polymer Journal, 9 (5): 267-276, October 31, 2001.

Khang, G., et al., *Fabrication of tubular porous PLGA scaffold by emulsion freeze-drying method*, Polymer-Korea, 23 (3): 471-477, May 1999.

Kohga, M., et al., *Preparation of fine Ammonium Perchlorate by freeze-drying*, Kagaku Kogaku Ronbunshu, 23 (2): 163-169, March 1997.

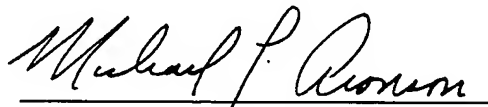
Park, E.Y., et al. *Effects of protein and peptide addition on lipid oxidation in powder model system*, Journal of Agricultural and Food Chemistry, 53 (1): 137-144, January 12, 2005.

Whang, K., et al., *A biodegradable polymer scaffold for delivery of osteotropic factors*, Biomaterials, 21 (24): 2545-2551, Sp. Iss. SI December 2000.

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Whang, K., et al., *A novel method to fabricate bioabsorbable scaffolds*, Polymer, 36 (4): 837-842, February 1995.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael P. Aronson", written over a horizontal line.

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FORM PTO-1449

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

ATTORNEY DOCKET NO.: 1002(C)

APPLICANT: COOPER et al.

FILING DATE: January 26, 2005

SUBMISSION DATE: April 28, 2005

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIALS | DOCUMENT NO. | DATE | NAME OF INVENTOR | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|--------------|------|------------------|-------|----------|-------------------------------|
|                      |              |      |                  |       |          |                               |
|                      |              |      |                  |       |          |                               |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIALS | DOCUMENT NO. | PUBLICATION<br>DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES OR NO |
|----------------------|--------------|---------------------|---------|-------|----------|--------------------------|
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## OTHER DOCUMENTS - NON-PATENT REFERENCES

|  |    |   |
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|  | 1  | Bjerknes, K., et al., <i>Preparation of polymeric microbubbles: formulation studies and product characterisation</i> , <u>International Journal of Pharmaceutics</u> , 158 (2): 129-136, December 8, 1997.                                    |
|  | 2  | Choi, M.G., et al., <i>Fabrication and characterization of porous PLLA scaffolds with gentamicin sulfate release system</i> , <u>Polymer-Korea</u> , 25 (3): 318-326, May 2001.   |
|  | 3  | Heinzelmann, K., et al., <i>Using freezing and drying techniques of emulsions for the microencapsulation of fish oil to improve oxidation stability</i> , <u>Colloids and Surfaces B-Biointerfaces</u> , 12 (306): 223-229, January 15, 1999. |
|  | 4  | Jeon, E.K., et al., <i>Preparation and release profile of NGF-loaded polylactide scaffolds for tissue engineered nerve regeneration</i> , <u>Polymer-Korea</u> , 26 (6): 893-901, November 2001.  |
|  | 5  | Khang, G., et al., <i>Preparation and characterization of demineralized bone particle impregnated poly (L-lactide) scaffolds</i> , <u>Korea Polymer Journal</u> , 9 (5): 267-276, October 31, 2001.   |
|  | 6  | Khang, G., et al., <i>Fabrication of tubular porous PLGA scaffold by emulsion freeze-drying method</i> , <u>Polymer-Korea</u> , 23 (3): 471-477, May 1999.  |
|  | 7  | Kohga, M., et al., <i>Preparation of fine Ammonium Perchlorate by freeze-drying</i> , <u>Kagaku Kogaku Ronbunshu</u> , 23 (2): 163-169, March 1997.   |
|  | 9  | Park, E.Y., et al. <i>Effects of protein and peptide addition on lipid oxidation in powder model system</i> , <u>Journal of Agricultural and Food Chemistry</u> , 53 (1): 137-144, January 12, 2005.  |
|  | 9  | Whang, K., et al., <i>A biodegradable polymer scaffold for delivery of osteotropic factors</i> , <u>Biomaterials</u> , 21 (24): 2545-2551, Sp. Iss. SI December 2000.   |
|  | 10 | Whang, K., et al., <i>Engineering bone regeneration with bioabsorbable scaffolds with novel microarchitecture</i> , <u>Tissue Engineering</u> , 5 (1): 35-51, Spring 1999.  |
|  | 11 | Whang, K., et al., <i>A novel method to fabricate bioabsorbable scaffolds</i> , <u>Polymer</u> , 36 (4): 837-842, February 1995.  |